draft-ietf-snac-simple

Ted Lemon <elemon@apple.com>
Jonathan Hui <jonhui@google.com>
Status

• Initial version posted in September
• Added author: Jonathan Hui
• Lots of comments on the mailing list
• -01 published March 8 2023
• One remaining unaddressed issue on github:
  • add a state machine for NAT64
What’s missing

- The document needs a “does this tell me what to implement?” review. I think the answer in some cases is still “no.”
- Stub Router RA Flag (draft-hui-stub-router-ra-flag-01)
- Section 8 (Services Provided by Stub Routers) is a bit weak
Stub Router RA Flag

• Jonathan has published this document
• It’s our job to decide what to say in it and then send it to 6man for review
• I think document is mostly complete, maybe needs the applicability statement before the option format.
• Need to decide when we send the stub router flag
  • E.g. we definitely send it in RAs on infrastructure
  • What about RAs on the stub network?
    • We talked about two flags
      • stub-router-as-advertiser
      • stub-router-as-joiner
Joiner vs. Advertiser

• Joiner: put stub router flag in RA only on infrastructure
  • Now we can tell that there are other stub routers on infrastructure
  • If we see a stub router RA on the stub network, we know that we have a double-stub-network situation

• Advertiser:
  • put flag in RA on stub network as well
  • If people are plugging stuff together, maybe we can detect incorrect configuration?
  • What would we do if we detected it?
Next Steps

• Let’s get the stub router document ready for 6man
  • What is missing?
  • Discuss here or on list.
• The document needs a solid look from an implementor’s perspective.
  • Authors will do before San Francisco meeting
  • If someone is interested in implementing, please do a pass through the document and see what parts make you scratch your head.
• NAT64 state machine
  • Authors will do prior to San Francisco